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54 **Method of forming silicon dioxide glass films.**

57 The manufacture of semiconductor devices and, specifically, deposition of SiO₂ coatings on semiconductor devices by oxidation decomposition of siloxanes is disclosed.

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EUROPEAN SEARCH REPORT

Application Number

EP 88 10 5561

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	EP-A-0 212 691 (FOCUS SEMICONDUCTOR SYSTEMS INC.) * column 7, line 45 - column 8, line 54; claims 1-6 * - - -	1-4,9,10	H 01 L 21/205 C 23 C 16/46 H 01 L 21/316 C 23 C 16/40
A		6-8	
D,Y	US-A-4 168 330 (G. KAGANOWICZ) * column 2, line 15 - column 3, line 6; claims 1,2,6 * - - -	1-4,9,10	
D,A		6-8	
A	US-A-3 834 939 (K.D. BEYER et al.) * column 2, lines 26-54; column 3, lines 1-52; claim 1 * - - -	1-11	
A	CHEMICAL ABSTRACTS vol. 87, 1977, pages 19,20, abstract no. 168679y, Columbus, Ohio, US; V.A. SUTYAGIN et al.: "Thermal and radiation-induced degradation of polysiloxane layers produced by an electron-beam method" & Khim. Vys. Energ. 1977, vol. 11, no. 5, pages 308-312 - - - - -	1,2	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H 01 L C 23 C
The present search report has been drawn up for all claims			
Place of search Berlin		Date of completion of search 15 October 90	Examiner KLOPFENSTEIN P R
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention		E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons ----- &: member of the same patent family, corresponding document	